

GILMER AVENUE OVER TROUT RUN FEMA DISCHARGE FLOWRATES

TABLE 4 - SUMMARY OF DISCHARGES - continued

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FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. miles)	10 YR	50 YR	100 YR	500 YR
		PEAK DISCHARGES (cfs)			
		10% annual chance	2% annual chance	1% annual chance	0.2% annual chance
TROUT RUN					
Downstream of Wometco Plant	1.1	580	1,350	1,800	3,250
At 7th Street	0.9	490	1,140	1,540	2,850
TROUT RUN (Bypass Channel)					
Downstream of divergence from Trout Run	*	100	340	460	720
TWELVE O'CLOCK BRANCH					
At confluence with the Roanoke River	0.8	438	942	1,226	2,435
Approximately 300 feet upstream of Smythe Road	0.6	332	736	957	1,928
WEST FORK CARVIN CREEK					
At confluence with Carvin Creek	6.3	1,650	3,200	4,300	8,000
Upstream of Deer Branch	4.3	1,050	2,150	2,800	5,400
At State Route 117 (Peters Creek Road)	2.9	640	1,250	1,650	3,300
At Interstate 581 and Interstate 81 east ramp	1.6	583	1,291	1,686	3,336
WEST MUDLICK CREEK					
At confluence with Mudlick Creek	1.0	538	1,121	1,464	2,880
WILLIAMS BRANCH					
At confluence with the Roanoke River	2.2	940	1,910	2,502	4,798
Downstream of confluence of Snyder Branch	1.6	766	1,573	2,057	3,978
Upstream of confluence of Snyder Branch	1.0	521	1,090	1,424	2,810
At Hawthorne Road	0.5	261	585	763	1,567
At Interstate Route 81	0.3	169	390	508	1,065